North Coast Watershed Assessment Program

DRAFT

Redwood Creek Watershed Synthesis Report

The mission of the North Coast Watershed Assessment Program is to conserve and improve California's north coast anadromous salmonid populations by conducting, in cooperation with public and private landowners, systematic multi-scale assessments of watershed conditions to determine factors affecting salmonid production and recommend measures for watershed improvements.

Public Review Draft

North Coast Watershed Assessment Program

EMDS Watershed Condition and Stream Reach Models

Redwood Creek Hydrologic Area

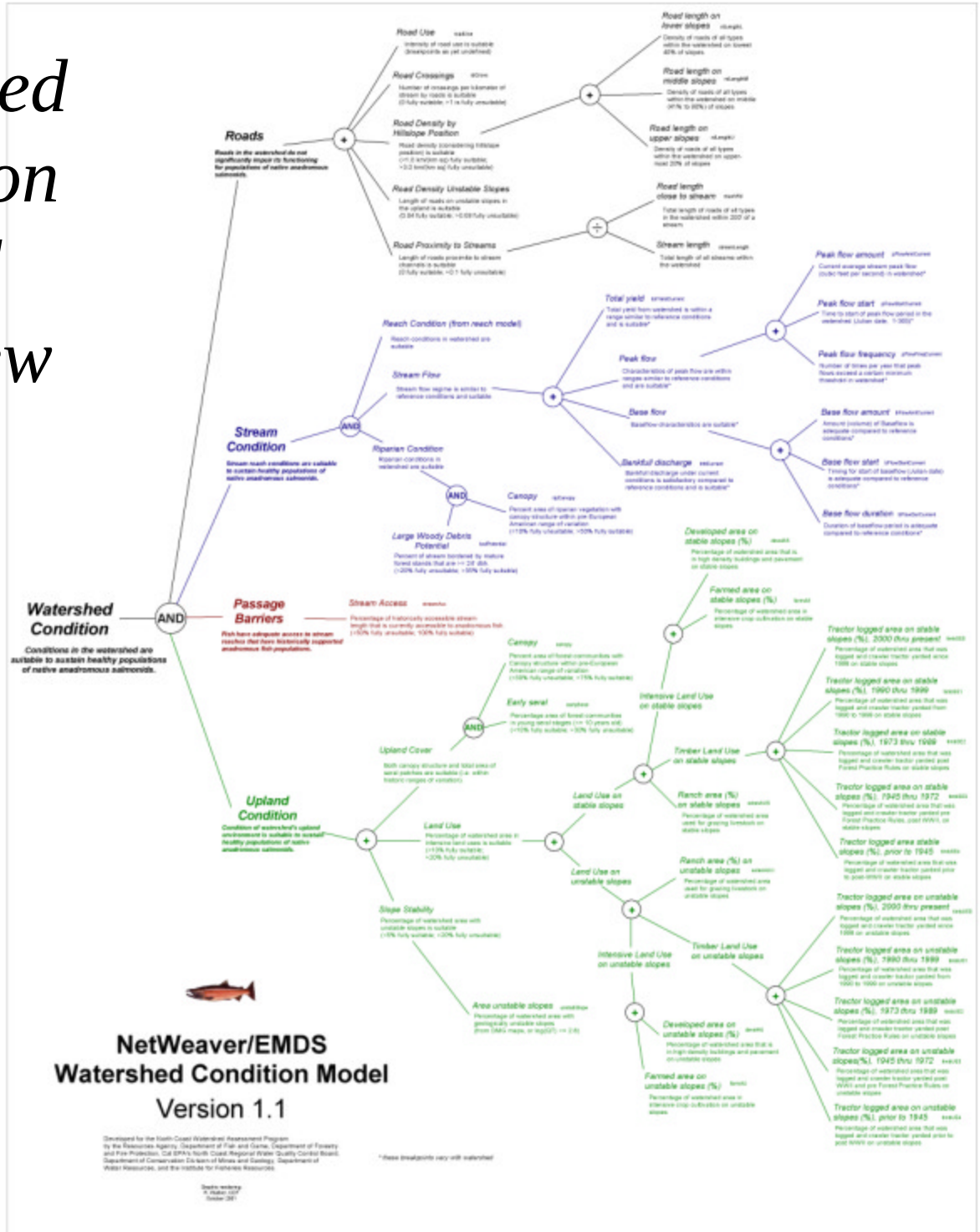
Version 1.1

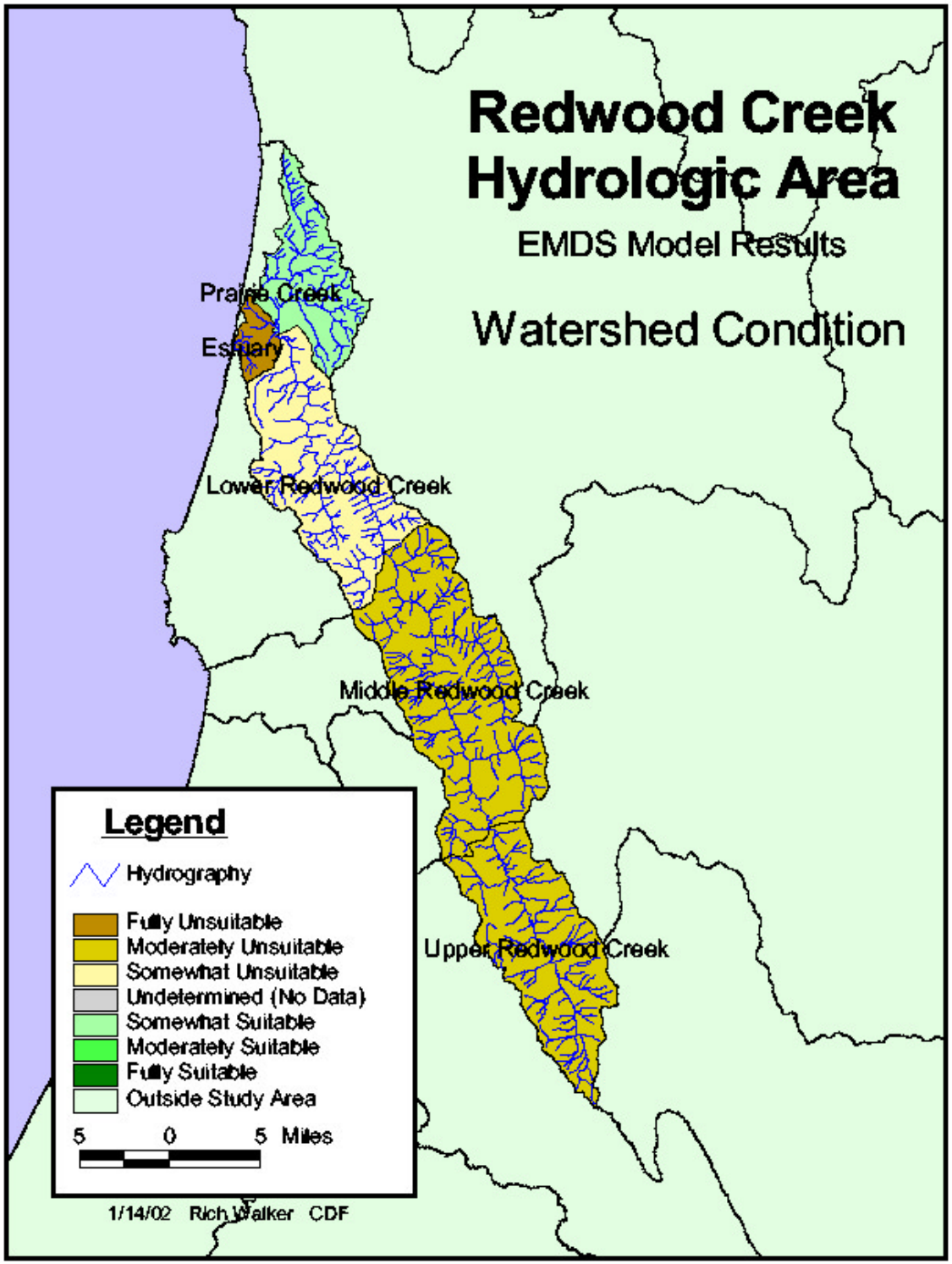
January 17, 2002

The EMDS model produces a series of maps. The maps reflect watershed condition for different model parameters. These maps are indicative guides that are highly dependent on data quality and the current model structure.

Model results lack validation or field verification and are not intended to support project level work.

Watershed Condition Model Overview





WATERSHED CONDITION

Proposition:

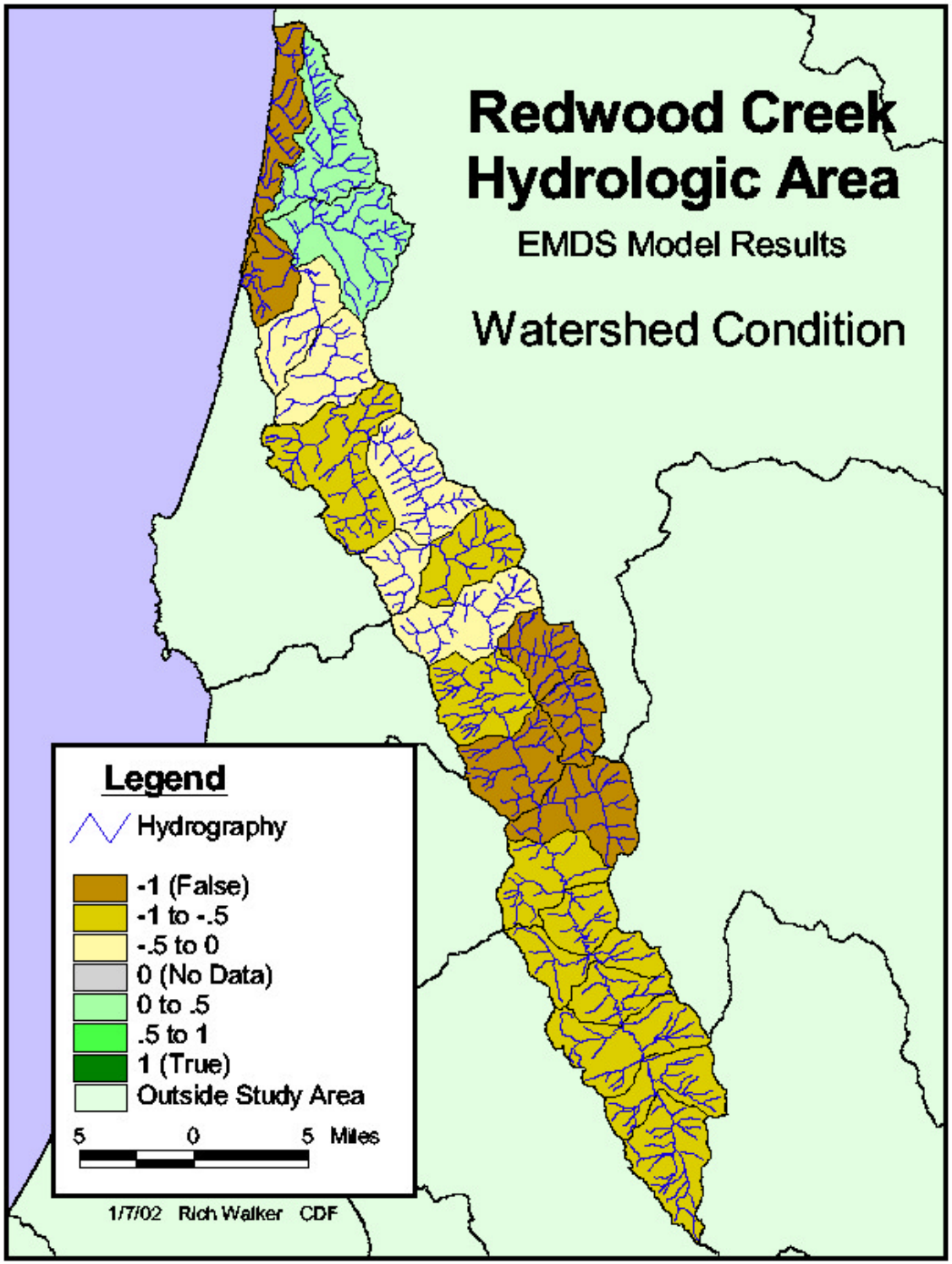
Conditions in the Planning Watershed are suitable to sustain healthy populations of native anadromous salmonids

Evaluated by the following:

Combines all factors through an "AND" node to provide a comprehensive watershed condition score.

NOTE: Truth values at the highest levels represent the combined scores from lower level networks and thus are not calculated using a dependency curve.

NOTE: Includes preliminary results from Reach Model. Water Temperature is not represented in this model run.



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